BestPractices Steam System Specialist Qualification Training
The BestPractices Steam System Specialist Qualification training is primarily designed for steam service providers who are interested in becoming proficient in using the BestPractices Steam Tools. This is in contrast to BestPractices Steam End User Training, which is focused toward awareness of how to quantify key steam improvement opportunities and introduction of the major BestPractices Steam Tools.

The primary goal of the BestPractices Steam System Specialist Qualification Training course is to equip participants to be fluent in the use of the BestPractices Steam Program Tools Suite. This tools suite includes the following tools:

- Steam System Scoping Tool (SSST)
- Steam System Assessment Tool (SSAT)
- Steam *System Survey Guide* (primary reference text for the training)
- 3E Plus Insulation Appraisal Software (overview only)

Steam systems are complex and include many components that interact and influence the operation of the entire system. Steam System Specialist Qualification Training will emphasize using the BestPractices SteamTools to perform a global investigation to identify and quantify potential steam system improvement opportunities.

To successfully complete the Specialist Qualification Training course, a participant will be expected to understand:

- The principles described in the *Steam System Survey Guide*
- The implications of the results from using the SSST
- The improvement projects identified in SSAT
- The implications of the results obtained using SSAT
- The common evaluations required in performing insulation investigations

The Steam System Specialist Qualification course will validate the ability of each participant to utilize the BestPractices Steam Tools. The Specialist Qualification Training class will be 2-1/2 days long. Class participants will receive a Prerequisite Test/Study Guide before attending the class. The purpose of this Study Guide is to provide an indicator of the skill levels necessary to successfully complete the Specialist Qualification training.

Completion of this pretest is not a requirement to take the training; it is provided to let the participants know the level of knowledge and expertise necessary to participate in the course. Completion of BestPractices Steam End User training is not a prerequisite for participating in the Specialist Qualification training class; however, End User training will cover the majority of the Specialist Qualification training prerequisites.

Class participants will receive 16 hours of formal training in the use of the BestPractices Steam Tools. A steam plant field trip will be included in the training, and homework designed to prepare class participants to successfully complete the Qualified Specialist Training exam. On the third morning of the training, the Specialist Qualification Training exam will be offered.

Class participants who pass this exam will be designated as BestPractices Steam Qualified Specialists, and their names and contact information will be listed on the U.S. DOE BestPractices web site. Completion of the Specialist Qualification Training does not automatically qualify someone to teach the End User or Specialist Qualification Training courses; however, successful completion of the Specialist Qualification Training is one of the prerequisites for becoming an instructor for the End User and Specialist Qualification Training courses.

For information on upcoming classes, visit the BestPractices training calendar. For more information on the training course and on becoming a BestPractices Steam Qualified Specialist, or becoming an End User Training Instructor, Dr. Anthony Wright, 865-574-6878, Oak Ridge National Laboratory.